IAP3 Rec'd POT/PTO 12 JAN 2006

FORM PTO-1390 (REV. 01-2003)

US DEPARTMENT OF COMMERCE PATENT & TRADEMARK OFFICE

TRANSMITTAL LETTER TO THE UNITED STATES

ATTORNEY'S DOCKET NUMBER 126608

U.S. APPLICATION NO. (If known, see 37 CFR 1.5)

		ONCERNING A FILING UN	10/564351								
		TIONAL APPLICATION NO. 004/013953	INTERNATIONAL FILING DATE September 24, 2004	PRIORITY DATE CLAIMED October 1, 2003							
TITLE OF INVENTION STIRLING ENGINE AND HYBRID SYSTEM WITH THE SAME											
APPLICANTS FOR DO/EO/US Hiroshi YAGUCHI; Daisaku SAWADA											
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:											
1.	\boxtimes	This is a FIRST submission of items concerning a filing under 35 U.S.C. 371.									
2.		This is a SECOND or SUBSEQUENT submission of items concerning a filing under 35 U.S.C. 371.									
3.	☒	This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.									
4.	\boxtimes	The US has been elected (Article 31).									
5.	\boxtimes	A copy of the International Application as filed (35 U.S.C. 371(c)(2))									
		a. 🛚 is attached hereto (required	only if not communicated by the In	iternational Bureau).							
		b.	the International Bureau.								
		c. \square is not required, as the applic	cation was filed in the United States	s Receiving Office (RO/US).							
6.	\boxtimes	An English language translation of	the International Application as file	d (35 U.S.C. 371(c)(2))							
		a. 🛛 is attached hereto.									
		b. has been previously submit	ted under 35 U.S.C. 154(d)(4).								
		c.	n was filed in English.								
7.		Amendments to the claims of the li	nternational Application under PCT	Article 19 (35 U.S.C. 371(c)(3))							
		a. are attached hereto (require	ed only if not communicated by the	International Bureau).							
		b. have been communicated by the International Bureau.									
	•	c. have not been made; however, the time limit for making such amendments has NOT expired.									
		d.	Il not be made.								
8.		An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).									
9.	\boxtimes	An oath or declaration of the inventors (35 U.S.C. 371(c)(4)).									
10.		An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).									
Item	s 11 t	o 20 below concern document(s)	or information included:								
11.	\boxtimes	An Information Disclosure Statement	ent under 37 CFR 1.97 and 1.98.								
12.	\boxtimes	An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.									
13.	\boxtimes	A preliminary amendment.									
14.	\boxtimes	An Application Data Sheet under 37 CFR 1.76.									
15.	\boxtimes	A substitute specification.									
16.	\boxtimes	A power of attorney and/or change of address letter.									
17.		A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821 - 1.825.									
18.		A second copy of the published international application under 35 U.S.C. 154(d)(4).									
19.		A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).									
20.	\boxtimes	International Search Report; Designation of Ten Attorneys.									
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U.S. APPLICATION NO. (if Angwin New U.S. National Stage of PCT/JP04/013953	64351	ATTORNEY'S DOCKET NUMBER 126608							
21. The following fee				CALCULATIONS	PTO USE ONLY				
BASIC NATIONAL FEE (3			\$ 300.00	\$300.00					
SEARCH FEE (37 CFR 1.4	492(b)(1)-(3)):			\$400.00	<u> </u>				
International preliminary ex the USPTO as IPEA or IS industrial applicability for a national stage	A and favorable as to II claims presented in								
International search fee (3'	7 CFR 1.445(a)(2)) p								
International search report the search fee is paid									
All situations not provided	for above	····	\$ 500.00						
EXAMINATION FEE (37 C				\$200.00					
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International preliminary ex the USPTO as IPEA or IS, industrial applicability for a national stage	A and favorable as to ill claims presented in								
national stage	***************************************	•••••••	\$ 0.00						
All situations not provided	for above	•••••	\$ 200.00						
Surcharge of \$130.00 for f	urnishing the oath or	declaration later than 3	0 months from the	\$					
earliest claimed priority da	te (37 CFR 1.492(e))). 1	<u> </u>						
TOTAL PAGES OF APPLICATION OVER 100 (106 - 100)	6 ÷ 50	= †1	x 250 =	\$250.00					
tround up to next integer		•		-					
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE	\$					
TOTAL CLAIMS	22 - 20	= 2	x 50.00 =	\$100.00					
INDEPENDENT CLAIMS	3 - 3] = 0	x 200.00 =	\$					
MULTIPLE DEPENDENT	CLAIM(S)(IT application	TOTAL OF ABOVE O	+ 360.00 =	\$ \$1250.00					
Applicant claims small	Lontity status See ?			\$ 1250.00					
reduced by ½.	——————————————————————————————————————		SUBTOTAL =	\$1250.00					
Processing fee of \$130.00	for furnishing the En	glish translation later th		\$					
the earliest claimed priority	/ date (37 CFR 1.492	2(f)).							
			NATIONAL FEE =	\$1250.00					
Fee for recording the enclo	osed assignment (37 oriate cover sheet (3	CFR 1.21(h)). The ass 7 CFR 3.28, 3.31), \$40	signment must be	\$					
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				Amount to be					
-				refunded:	\$				
				charged:	\$				
	a. \(\times\) Check No. 175123 in the amount of \$1250.00 to cover the above fees is enclosed.								
b. Please charge my Deposit Account No in the amount of \$ to cover the above fees. A duplicate copy of this									
sheet is enclosed. c.									
d. Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.									
NOTE: When an annual		27 OFD 4 405 b		41-d4	'D 4 427/-\ /L\\				
NOTE: Where an appro	opriate time limit un and granted to resto	ider 37 CFR 1.495 has	not been met, a peti ending status.	tion to revive (37 CF	K 1.137(a) or (b))				
must be filed and granted to restore the application to pending status.									
OLIFF & BERRIDGE, PLC									
Customer Number: 25944 NAME: James A. Qliff									
			REGIS/TRATIC	ON NUMBER: 27,0	75				
Date January 12, 200)6	:	NAME: Joel S	S. Armstrong					
<u>garragry</u> ;2; 255	REGISTRATION NUMBER: 36,430								

IAP15 Rec'd PCT/PTO 12 JAN 2006

U.S. APPLICATION NO (if from New U.S. National Stage of PCT/JP04/013953	64351	ATTORNEY'S DOCKET NUMBER 126608							
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BASIC NATIONAL FEE (3	7 CFR 1.492(a))·		\$ 300.00	\$300.00					
SEARCH FEE (37 CFR 1.4		***************************************	🗘 000.00	\$400.00					
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International preliminary ex the USPTO as IPEA or ISA									
industrial applicability for al	I claims presented in	the application enterin	ng the						
national stage		•••••	\$ 0.00						
International search fee (37	CFR 1.445(a)(2)) p								
	and to LICETO		Ade la la						
International search report the search fee is paid	provided to USP10	\$ 400.00							
All situations not provided f	or above		\$ 500 00						
EXAMINATION FEE (37 C				\$200.00					
2//////////////////////////////////////				42 00.00					
International preliminary ex	amination report or	written opinion prepared	d by						
the USPTO as IPEA or ISA	A and favorable as to	novelty, inventive step	o, and						
industrial applicability for al national stage	I claims presented in	n the application enterin	ng the \$ 0.00						
national stage	•••••	••••••	5 0.00						
All situations not provided f	or above		\$ 200.00						
Surcharge of \$130.00 for fu	rnishing the path or	declaration later than 3	30 months from the	\$					
earliest claimed priority dat	e (37 CFR 1.492(e))			•					
TOTAL PAGES OF									
APPLICATION OVER	6 ÷ 50	= †1	x 250 =	\$250.00					
100 (106 - 100)									
†round up to next intege		AN IMPED EVEDA	DATE	•					
CLAIMS	NUMBER FILED	NUMBER EXTRA	x 50.00 =	\$ \$100.00	I				
TOTAL CLAIMS INDEPENDENT CLAIMS	22 - 20 3 - 3	= 2	x 200.00 =	\$					
MULTIPLE DEPENDENT			+ 360.00 =	\$					
MOLTIFLE DEFENDENT	DEATIVI(S)(II applicat	\$1250.00							
Applicant claims small	entity status See 3	TOTAL OF ABOVE (\$					
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			SUBTOTAL =	\$1250.00					
Processing fee of \$130.00	for furnishing the Er	glish translation later th	nan 30 months from	\$					
the earliest claimed priority	date (37 CFR 1.492	· · · · · · · · · · · · · · · · · · ·		04070.00					
			NATIONAL FEE =	\$1250.00					
Fee for recording the enclo accompanied by an approp	sed assignment (37	CFR 1.21(h)). The ass 7 CFR 3 28 3 31) \$40	signment must be	\$					
accompanied by an approp	mate cover sincer to		EES ENCLOSED =	\$1250.00					
			Amount to be						
				refunded:	 \$				
				charged:	\$				
a.	123 in the amount of	\$1250.00 to cover the	above fees is enclose		l. *				
b. Please charge									
 sheet is enclose 	ed.								
	c. The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 15-0461. A duplicate copy of this sheet is enclosed.								
		and. WARNING: Infor		av become núblic. C	redit card				
		ed on this form. Provi							
NOTE: Where an appro	priate time limit un	der 37 CFR 1.495 has	not been met, a geti	tion to revive (37 CF	R 1.137(a) or (b))				
		re the application to p	ending status. // /	1/1					
SEND ALL CORRESPONDENCE TO:									
OLIFF & BERRIDGE, PLC Customer Number: 25944 NAME: Names A. Oliff									
REGISTRATION NUMBER: 27,075									
			LEGIS PATIC	DIT NOIVIBER. 21,0)' ³				
Date <u>January 12, 200</u>	<u>6</u>		NAME: Joel S	_					
			REGISTRATIO	ON NUMBER: 36,4	30				
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